

## 1997 Fall SIW Recommended Reading List

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The Conference Committee has completed its selection of papers for our Recommended Reading List for the 1997 Fall Simulation Interoperability Workshop. These papers were selected from among those nominated by the Forum PRPs as the ones they thought were most important to be read by the people who didn't attend their Forums. Taken as a whole, we believe that these papers provide a summary overview of the ideas presented across the various Forums at this Workshop. Because of ties in our voting process, we ended up with 13 papers on our "top ten" list. They are listed below in descending order of consensus among the judges. Equally ranked papers are listed in numerical order.

On behalf of the Conference Committee, I would like to extend our congratulations to all of the authors of these papers, and to express our appreciation for their contribution to a very successful Simulation Interoperability Workshop.

Duncan Miller  
Chair, Conference Committee

These papers may be accessed on the CD-ROM that will be sent soon to those registered at the Workshop, or on the SISO Web page at the following location: **SISO File Library**.

**97F- Execution Logging and Replay: Issues and Approaches**

**SIW-** Daniel J. Van Hook, *MIT Lincoln Laboratory*

**118.pdf** James O. Calvin, *MIT Lincoln Laboratory*

**97F- Latency and its Effects on the Fidelity of Air-to-Air Missile T&E Using Advanced Distributed Simulations**

**SIW-** Dr. Larry McKee, *SAIC*

**010.pdf**

**97F- Digital Elevation Model Resolution and Simulated Natural Environment Terrain Representation Fidelity**

**SIW-** Robert Richbourg, *Institute for Defense Analysis*

**022.pdf**

**97F- A Comparison of HLA Object Modeling Principles with Traditional Object Oriented Modeling Concepts**

**SIW-** Robert Lutz, *Applied Physics Laboratory - Johns Hopkins Univ.*

**025.pdf**

**97F- The High Level Architecture Federate Conformance Testing Process Revised**

**SIW-** Margaret Loper, *Georgia Tech Research Institute*

**062.doc** Thom McLean, *Georgia Tech Research Institute*

Margaret Horst, *Georgia Tech Research Institute*

Kyle Crawford, *Georgia Tech Research Institute*

**97F- A Decision Framework for Developing HLA Applications**

**SIW-** S. Y. Harmon, *Advanced Telecommunications Inc.*

**117.pdf**

**97F- A Comparison Between the CMMS and the Conceptual Model of the Federation**

**SIW-** Robert O. Lewis, *Boeing Defense and Space Group*

**001.doc** Col Gary Q. Coe (USA, Ret'd), *Institute for Defense Analysis*

**97F- SIW- 005.pdf Distributed Interactive Simulation of Rendezvous and Docking with International Space Station**

Alexander Vankov, *Gagarin Cosmonaut Training Center*  
Peter Chliaev, *Gagarin Cosmonaut Training Center*  
Alexander Alyoshin, *Gagarin Cosmonaut Training Center*  
Juan E. Miro, *European Space Agency*

**97F- SIW- 056.doc A State Transition View of Updates and Interactions**

Susan F. Symington, *The MITRE Corporation*  
Richard M. Weatherly, *The MITRE Corporation*  
Reed Little, *Software Engineering Institute - CMU*  
James O. Calvin, *MIT Lincoln Laboratory*

**97F- SIW- 074.doc An Object Oriented RTI Interface**

Douglas D. Wood, *IST - Univ. of Central Florida*

**97F- SIW- 123.pdf People are not Tanks**

Jeff Koechling, *Boston Dynamics Inc.*  
Adam Crane, *Boston Dynamics Inc.*  
Marc Raibert, *Boston Dynamics Inc.*

**97F- SIW- 128.pdf BBSSAF, a Constructive/Virtual Linkage Between the Brigade/Battalion Battle System and DIS**

John McClain, *Lockheed Martin Information Systems*  
Jim Perneski, *Lockheed Martin Information Systems*  
Steve Duquette, *Lockheed Martin Information Systems*  
Rick Copeland, *U.S. Army STRICOM*  
Tom Lasch, *U.S. Army STRICOM*

**97F- SIW- 147.pdf Providing Uninterrupted Training to the Joint Training Confederation (JTC) Audience During Transition to the High Level Architecture (HLA)**

Sean P. Griffin, *The MITRE Corporation*  
Ernest H. Page, *The MITRE Corporation*  
C. Zachary Furness, *The MITRE Corporation*  
Mary C. Fischer, *U.S. Army STRICOM*